

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	676	423/447.3	US-PGPUB; USPAT	ADJ	ON	2007/09/04 17:25
S2	311	S1 and carbon fiber	US-PGPUB; USPAT	ADJ	ON	2007/09/04 17:25
S3	83	S2 and vapor grown	US-PGPUB; USPAT	ADJ	ON	2007/09/04 17:25
S4	46	S3 and filament	US-PGPUB; USPAT	ADJ	ON	2007/09/04 17:41
S5	0	S4 and branching degree	US-PGPUB; USPAT	ADJ	ON	2007/09/04 17:26
S6	1	S4 and branching	US-PGPUB; USPAT	ADJ	ON	2007/09/04 17:26
S7	0	S4 and occurrences	US-PGPUB; USPAT	ADJ	ON	2007/09/04 17:42
S8	15	S4 and bulk density	US-PGPUB; USPAT	ADJ	ON	2007/09/04 17:42
S9	626	vapor grown carbon fiber	US-PGPUB; USPAT	ADJ	ON	2007/11/27 17:13
S10	6	S9 same branching	US-PGPUB; USPAT	ADJ	ON	2007/11/27 17:13
S11	421	branching degree	US-PGPUB; USPAT	ADJ	ON	2007/11/27 17:17
S12	7	S11 and S9	US-PGPUB; USPAT	ADJ	ON	2007/11/27 17:17
S13	1023245	density	US-PGPUB; USPAT	ADJ	ON	2007/11/27 17:22
S14	3	S9 near S13	US-PGPUB; USPAT	ADJ	ON	2007/11/27 17:22
S15	38	"5594060"	US-PGPUB; USPAT	ADJ	ON	2007/11/28 09:00
S16	0	"2002146562"	US-PGPUB; USPAT	ADJ	ON	2007/11/28 09:01
S17	0	("2002146562").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/28 09:02
S18	0	"2002146562"	US-PGPUB; USPAT	ADJ	ON	2007/11/28 09:02
S19	18384	morita	US-PGPUB; USPAT	ADJ	ON	2007/11/28 09:02
S20	18384	Morita	US-PGPUB; USPAT	ADJ	ON	2007/11/28 09:02
S21	626	vapor grown carbon fiber	US-PGPUB; USPAT	ADJ	ON	2007/11/28 09:04
S22	42	S20 and S21	US-PGPUB; USPAT	ADJ	ON	2007/11/28 09:04

S23	128	"4572813"	US-PGPUB; USPAT	ADJ	ON	2007/11/28 09:11
S24	14	"5643990"	US-PGPUB; USPAT	ADJ	ON	2007/11/28 09:12
S25	132	"4572813"	US-PGPUB; USPAT	OR	OFF	2008/02/28 13:39
S26	15	"5643990"	US-PGPUB; USPAT	OR	OFF	2008/02/28 13:40
S27	5	"7150419"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/28 13:40
S28	74	"150419"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/28 13:40
S29	22	S28 and denko	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/28 13:41
S30	116	"49412"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/28 13:42
S31	5	"6406539"	US-PGPUB; USPAT	OR	OFF	2008/02/28 13:48
S32	11	"6489025"	US-PGPUB; USPAT	OR	OFF	2008/02/28 13:57
S33	4	"6474627"	US-PGPUB; USPAT	OR	OFF	2008/02/28 13:58
S34	1	"6974627"	US-PGPUB; USPAT	OR	OFF	2008/02/28 13:58
S35	2	"6998176"	US-PGPUB; USPAT	OR	OFF	2008/02/28 13:59
S36	6	(US-20020146562-\$).did. or (US-5413866-\$ or US- 5594060-\$ or US-5413773- \$ or US-5643990-\$ or US- 4572813-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/02/28 14:35
S37	0	S29 and branching	US-PGPUB; USPAT	OR	OFF	2008/02/28 14:35
S38	1	S36 and branching	US-PGPUB; USPAT	OR	OFF	2008/02/28 14:35
S39	0	S36 and occurrence	US-PGPUB; USPAT	OR	OFF	2008/02/28 14:43
S40	0	S36 and occurrence	US-PGPUB; USPAT	OR	OFF	2008/02/28 14:43
S41	1	S36 and branching	US-PGPUB; USPAT	OR	OFF	2008/02/28 14:44
S42	3	S36 and filament	US-PGPUB; USPAT	OR	OFF	2008/02/28 14:44
S43	5	S36 and density	US-PGPUB; USPAT	OR	OFF	2008/02/28 14:52

S44	3	S43 and resistance	US-PGPUB; USPAT	OR	OFF	2008/02/28 14:53
S45	303	"vapor grown carbon fiber"	US-PGPUB; USPAT	OR	OFF	2008/02/28 15:53
S46	9	S45 and "branching degree"	US-PGPUB; USPAT	OR	OFF	2008/02/28 15:53
S47	392	"branching degree"	US-PGPUB; USPAT	OR	OFF	2008/02/28 15:54
S48	34622	"carbon fiber"	US-PGPUB; USPAT	OR	OFF	2008/02/28 15:54
S49	23	S47 and S48	US-PGPUB; USPAT	OR	OFF	2008/02/28 15:54
S50	446	423/447.3.ccls.	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:01
S51	22	S50 and "vapor grown carbon fiber"	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:01
S52	2	S51 and yano	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:03
S53	3	S45 and yano	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:03
S54	190954	"428".clas.	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:14
S55	72	S54 and "vapor grown carbon fiber"	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:14
S56	1	S55 and occurrences	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:15
S57	2	S55 and occurrence	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:15
S58	2	S55 and branching	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:17
S59	3316	S54 and branching	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:17
S60	95	S59 and "carbon fiber"	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:17
S61	68	S60 and degree	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:17
S62	29	S61 and mass	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:18
S63	26	S62 and (point or points or pt or pts)	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:18
S64	17	S63 and vapor	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:19
S65	8246	branching same degree	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:31
S66	699	S65 same point	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:31
S67	0	S66 same "carbon fiber"	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:32

S68	4	S66 and "carbon fiber"	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:32
S69	73435	"423".clas.	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:33
S70	1185	S69 and "carbon fiber"	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:34
S71	565	S70 and vapor	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:34
S72	119	S71 and (branch or branching or branches or branched)	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:34
S73	113	S72 and (degree or point)	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:34
S74	22	S73 and "bulk density"	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:34
S75	21	S74 and diameter	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:35
S76	34622	"carbon fiber"	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:39
S77	4348	S76 and filament	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:39
S78	522	S77 and (branching or branch or branched or branches)	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:39
S79	492	S78 and (degree or point or degrees or points or pt or pts)	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:39
S80	50	S79 and "bulk density"	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:40
S81	44	S80 and vapor	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:40
S82	27	S81 and grown	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:40
S83	6	S82 and occur\$	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:41
S84	392	"branching degree"	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:44
S85	18	S84 and filament	US-PGPUB; USPAT	OR	OFF	2008/02/28 16:45
S86	1520	"carbon fiber" same filament	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:43
S87	82	S86 same vapor	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:43
S88	30	S87 and branch\$	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:43
S89	24	S88 and degree	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:43
S90	320	"branching degree" and carbon	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:48

S91	99	"branching degree" same carbon	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:49
S92	1	"branching degree" near carbon	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:49
S93	5	S91 and filament	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:49
S94	0	("2006/0046051").URPN.	USPAT	OR	OFF	2008/02/28 17:49
S95	8	S91 and mass	USPAT	OR	OFF	2008/02/28 17:51
S96	154	"branching degree" and mass	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:53
S97	49	"branching degree" and "conductivity"	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:53
S98	43	S97 and carbon	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:53
S99	13	S98 and filament	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:53
S100	13	S99 and mass	US-PGPUB; USPAT	OR	OFF	2008/02/28 17:53

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